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CLAIM STATUS AND AMENDMENTS

1. (original) A Radio Frequency (RF) pulse generating device comprising a main delay line, a low impedance electrically driven impulse generator, and a quarter-wave trap between the impulse generator and the main delay line, the main delay line being connected to the electrically driven impulse generator at one end and being short-circuited at an opposite end, the output impedance of the impulse generator being small compared to the characteristic impedance of the main delay line, whereby the main delay line becomes an oscillatory circuit.

2.(original) A Radio Frequency (RF) pulse generating device comprising a main delay line, a low impedance electrically driven impulse generator, an antenna, and a quarter-wave trap between the impulse generator and the main delay line, the main delay line being connected to the electrically driven impulse generator at one end and the antenna being connected at an opposite end of the main delay line, the output impedance of the impulse generator being small compared to the characteristic impedance of the main delay line, whereby the main delay line becomes an oscillatory circuit.

3.(original) The device of claim 1 wherein the main delay line is comprised of two or more smaller delay lines connected in series.

4. (currently amended) The device of claim 1 wherein a capacitor is connected in series ~~parallel~~ to the main delay line or one of the smaller delay lines.

5.(original) The device of claim 1 wherein the impulse generator is a capacitor connected in series with an internal delay line and a switch.

6. (cancelled)

7.(original) The device of claim 2 wherein the main delay line is comprised of two or more smaller delay lines connected in series.

8. (currently amended) The device of claim 2 wherein a capacitor is connected in series ~~parallel~~ to the main delay line or one of the smaller delay lines.

9.(original) The device of claim 2 wherein the impulse generator is a capacitor connected in series with an internal delay line and a switch.

10. (cancelled)